Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
Data File : BN034538.D
Acq On : 11 Oct 2024 02:38
Operator : RC/JU
Sample : PB163903BS
Misc :
ALS Vial : 114 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB163903BS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 10/11/2024
Supervised By :mohammad ahmed 10/14/2024

Quant Time: Oct 11 03:02:57 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.372	152	4532	0.400	ng	0.00
7) Naphthalene-d8	10.126	136	12434	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	6623	0.400	ng	0.00
19) Phenanthrene-d10	16.783	188	12489	0.400	ng	0.00
29) Chrysene-d12	21.008	240	5675	0.400	ng	0.00
35) Perylene-d12	23.115	264	7797	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	3972	0.309	ng	0.01
5) Phenol-d6	6.585	99	3613	0.242	ng	0.01
8) Nitrobenzene-d5	8.514	82	2938	0.309	ng	0.00
11) 2-Methylnaphthalene-d10	11.730	152	7569	0.412	ng	0.00
14) 2,4,6-Tribromophenol	15.542	330	884	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	9038	0.336	ng	0.00
27) Fluoranthene-d10	18.829	212	10986	0.349	ng	0.00
31) Terphenyl-d14	19.451	244	6987	0.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.032	88	1731	0.306	ng	# 29
3) n-Nitrosodimethylamine	3.328	42	1987	0.308	ng	# 83
6) bis(2-Chloroethyl)ether	6.823	93	3652	0.276	ng	96
9) Naphthalene	10.180	128	12159	0.356	ng	100
10) Hexachlorobutadiene	10.468	225	2735	0.425	ng	# 97
12) 2-Methylnaphthalene	11.806	142	7697	0.347	ng	100
16) Acenaphthylene	13.741	152	10238	0.361	ng	100
17) Acenaphthene	14.083	154	7390	0.363	ng	99
18) Fluorene	15.088	166	8864	0.332	ng	100
20) 4,6-Dinitro-2-methylph...	16.287	198	64	0.165	ng	# 13
21) 4-Bromophenyl-phenylether	15.989	248	2569	0.366	ng	# 80
22) Hexachlorobenzene	16.088	284	3740	0.475	ng	# 89
23) Atrazine	16.287	200	1854	0.319	ng	# 92
24) Pentachlorophenol	16.460	266	1594	0.612	ng	98
25) Phenanthrene	16.820	178	13201	0.368	ng	100
26) Anthracene	16.920	178	10084	0.345	ng	99
28) Fluoranthene	18.862	202	13491	0.325	ng	98
30) Pyrene	19.224	202	13821	0.577	ng	100
32) Benzo(a)anthracene	21.008	228	1577m	0.088	ng	
33) Chrysene	21.044	228	12547m	0.586	ng	
36) Indeno(1,2,3-cd)pyrene	25.177	276	14376	0.430	ng	95
37) Benzo(b)fluoranthene	22.493	252	9818	0.321	ng	93
38) Benzo(k)fluoranthene	22.536	252	12139	0.379	ng	96
39) Benzo(a)pyrene	23.025	252	9838	0.395	ng	# 91
40) Dibenzo(a,h)anthracene	25.191	278	10917	0.421	ng	95
41) Benzo(g,h,i)perylene	25.793	276	12612	0.433	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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